

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 105886		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Marshall Wayne BERN, David GOLDBERG			
				FILING DATE January 16, 2002			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		09749,690 (Atty Dckt. 105887)	12/28/00	Goldberg et al.			
JC		5,303,313	04/12/1994	Mark et al.			
JC		5,835,638	11/10/1998	Rucklidge et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
Jc		Digipaper, http://www3.cs.cornell.edu/digipaper/					
Jc		John D. Hobby et al., "Degraded Character Image Restoration", Proc. 5 th Annual Symp. On Document Analysis and Image Retrieval, pps. 177-189, 1996					
Jc		John D. Hobby et al., "Enhancing Degraded Document Images via Bitmap Clustering and Averaging", ICDAR '97: Fourt Int. Conference on Document Analysis and Recognition, 1997					
EXAMINER				DATE CONSIDERED			
Jm Chang				4/17/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							